

## INTERNATIONAL SEARCH REPORT

International application No. .  
**PCT/SG2003/000276****A. CLASSIFICATION OF SUBJECT MATTER**Int. Cl. <sup>7</sup>: G10G 3/04, G10L 11/04, G11B 31/00, G06F 17/00, G10H 7/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
USPTO and WPAT. Keywords include melody, music, time, hum and pitch.**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2001/69575 A1 (Perception Digital Technology (BVI) Ltd) 20 September 2001 - whole document	26
X	WO 2003/028004 A2 (The Regents of the University of Michigan) 3 April 2003 - whole document	26
X	US 6121530 A (Sonoda) 19 September 2000 - whole document	26

☒ Further documents are listed in the continuation of Box C
 ☒ See patent family annex

- \* Special categories of cited documents:
- |   |  |
|---|--|
| "A" Document defining the general state of the art which is not considered to be of particular relevance  | "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  |
| "E" Earlier application or patent but published on or after the international filing date   | "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone   |
| "L" Document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) | "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art |
| "O" Document referring to an oral disclosure, use, exhibition or other means  | "&" document member of the same patent family  |
| "P" Document published prior to the international filing date but later than the priority date claimed  |  |

Date of the actual completion of the international search  
27 January 2004Date of mailing of the international search report  
30 JAN 2004

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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SG2003/000276

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5739451 A (Winsky et al) 14 April 1998 - whole document	26
X	WO 2001/50354 A1 (Woo) 12 July 2001 - whole document	26
X	LU et al. 'A New Approach to Query by Humming in Music Retrieval' in ICME 2001, Toyko, August 2001. (Retrieved on 23 January 2004) Retrieved from the Internet <URL:http://research.microsoft.com/asia/dload_files/group/mcomputing/ICME01_QB_H_LieLu-4th.pdf> - whole document	26

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

**PCT/SG2003/000276**

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member			
WO	0169575	AU	52900/01		
WO	03028004	US	2003089216		
US	6121530	EP	0944033	JP	11272274
				JP	2000187671
US	5739451				
WO	0150354	EP	1247214	US	6678680
END OF ANNEX					